

IN THE CLAIMS:

Please amend Claims 1-10, 13, 14, 16 and 17 as follows. All claims in the application are being reproduced below in accordance with current U.S. Patent and Trademark Office requirements.

1. (Currently Amended) An image sensing apparatus comprising:
a noise reduction device that reduces noise added to ~~means for reducing noises~~
of a sensed image by an internal apparatus factor utilizing time correlation of sensed images
~~having correlation in time;~~
a zoom controller that controls ~~control means for controlling~~ a zoom
magnification factor of the image sensing apparatus;
a determination device that determines ~~judging means for judging~~ whether said
zoom controller ~~control means~~ is executing a zoom operation; and
a setting device that sets ~~means for setting~~ a control value for time correlation
in said noise reduction device ~~means~~ in accordance with a determination ~~judgement result~~ by said
determination device ~~judging means~~.

2. (Currently Amended) The image sensing apparatus according to claim 1, wherein said setting device ~~means~~ sets the control value providing a lower noise reduction amount than a noise reduction ~~an~~ amount to be used when the zoom operation is stopped, when if said determination device determines ~~judging means judges~~ that a the zoom operation is being executed.

3. (Currently Amended) The image sensing apparatus according to claim 1, wherein said setting device ~~means~~ sets the control value for said noise reduction device ~~means~~

in accordance with a magnification factor per unit time used by said zoom controller control means.

4. (Currently Amended) The image sensing apparatus according to claim 1, further comprising an exposure control device that controls ~~means for controlling~~ an exposure of the picked-up image, wherein said setting device means changes the control value for said noise reduction device means in accordance with a control value for said exposure control device means.

5. (Currently Amended) The image sensing apparatus according to claim 1, wherein said setting device means stepwise changes the control value for said noise reduction device means when a the zoom operation switches ~~transfers~~ from an execution state to a stop state.

6. (Currently Amended) The image sensing apparatus according to claim 1, wherein said setting device means stepwise changes the control value for said noise reduction device means when a the zoom operation switches ~~transfers~~ from a stop state to an execution state.

7. (Currently Amended) The image sensing apparatus according to claim 1, further comprising an optical zoom device that performs optical ~~means for optically~~ zooming of an image of an object and an electronic zoom device that performs ~~means for electronic~~ processing of the image of the object, wherein said zoom control device means controls said optical zoom device means for optically zooming the image of the object and said electronic zoom device means for electronically processing the image of the object.

8. (Currently Amended) The image sensing apparatus according to claim 7, wherein said electronic zoom device means executes a the zoom operation for an image in which noise has been ~~whose noises were~~ reduced by said noise reduction device means, and said setting device means sets the control value providing a lower noise reduction amount than a noise reduction ~~an~~ amount to be used when said electronic zoom device means executes the a zoom operation, when said determination device determines ~~if it is judged~~ that said optical zoom device means executes the zoom operation.

9. (Currently Amended) An image sensing method for an image sensing apparatus, comprising the steps of:

Amend

reducing noise added to ~~noises of~~ a sensed image by an internal apparatus factor utilizing time correlation of sensed images ~~having correlation in time~~;

controlling a zoom magnification factor of the image sensing apparatus;

determining judging whether a zoom operation is being executed in said zoom control step ~~is executing a zoom operation~~; and

setting a control value for time correlation in said noise reduction step in accordance with a determination in judgement result at said determining judging step.

10. (Currently Amended) The method according to claim 9, wherein said setting step sets the control value providing a lower noise reduction amount than a noise reduction ~~an~~ amount to be used when a ~~the~~ zoom operation is stopped, if said determining judging step determines judges that the zoom operation is being executed.

11. (Original) The method according to claim 9, wherein said setting step sets the control value for said noise reduction step in accordance with a magnification factor per unit time used at said zoom control step.

12. (Original) The method according to claim 9, further comprising a step of controlling an exposure of the picked-up image, wherein said setting step changes the control value for said noise reduction step in accordance with a control value for said exposure control step.

13. (Currently Amended) The method according to claim 9, wherein said setting step stepwise changes the control value for said noise reduction step when the zoom operation switches ~~transfers~~ from an execution state to a step state.

14. (Currently Amended) The method according to claim 9, wherein said setting step stepwise changes the control value for said noise reduction step when the zoom operation switches ~~transfers~~ from a stop state to an execution state.

15. (Original) The method according to claim 9, further comprising a step of optically zooming an image of an object and a step of electronically processing the image of the object, wherein said zoom control step controls said optical zoom step of optically zooming the image of the object and said electronic zoom step of electronically processing the image of the object.

16. (Currently Amended) The method according to claim 15, wherein said electronic zoom step executes the zoom operation for an image in which added noise is ~~whose noises were reduced at~~ in said noise reduction step, and said setting step sets the control value providing a lower noise reduction amount than ~~an~~ a noise reduction amount to be used when said electronic zoom step executes ~~the~~ a zoom operation, when if it is determined in said determining step ~~judged~~ that said optical zoom step is executing ~~executes~~ the zoom operation.

17. (Currently Amended) A storage medium storing a program for executing an image sensing method for an image sensing apparatus, said method comprising the steps of:

reducing noise added to ~~noises of~~ a sensed image by an internal apparatus
factor utilizing time correlation of sensed images ~~having correlation in time~~;

controlling a zoom magnification factor of the image sensing apparatus;

*PP
cancel*
determining ~~judging~~ whether a zoom operation is being executed in said zoom
control step ~~is executing a zoom operation~~; and

setting a control value for time correlation in said noise reduction step in
accordance with a determination in judgment result at said determining ~~judging~~ step.
